



US008103313B2

(12) **United States Patent**
Enmei

(10) **Patent No.:** **US 8,103,313 B2**
(45) **Date of Patent:** ***Jan. 24, 2012**

(54) **PORTABLE COMMUNICATOR**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 274 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **12/136,404**

(22) Filed: **Jun. 10, 2008**

(65) **Prior Publication Data**

US 2008/0287165 A1 Nov. 20, 2008

Related U.S. Application Data

(62) Division of application No. 11/598,445, filed on Nov. 13, 2006, now abandoned, and a division of application No. 10/728,597, filed on Dec. 5, 2003, now Pat. No. 7,274,480, and a division of application No. 10/061,937, filed on Oct. 1, 1999, now Pat. No. 7,064,749, and a division of application No. 08/424,430, filed on Apr. 21, 1995, now Pat. No. 6,067,082.

(30) **Foreign Application Priority Data**

Nov. 9, 1992	(JP)	4-298630
Dec. 11, 1992	(JP)	4-331788
Jan. 20, 1993	(JP)	5-007785
Mar. 20, 1993	(JP)	5-072367
Apr. 30, 1993	(JP)	5-104151

(51) **Int. Cl.**

H04B 1/38	(2006.01)
G06F 15/16	(2006.01)
G06F 5/00	(2006.01)

(52) **U.S. Cl.** **455/566; 709/232; 710/60**

(58) **Field of Classification Search** None
See application file for complete search history.

(56) **References Cited**

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(57) **ABSTRACT**

This communicator makes it possible for the user to do telephone, facsimile, and data communication at any location. On a pen input device, a space eye 2, a telephone control system, a facsimile control system, and a data transmission system are mounted. All of them are operated by an input pen 55 or the space eye 2. The pen input device is connected to a wireless telephone equipment 7, and can be connected to a desired party through the public communication channel. In order to make the most of the equipment of a GPS user, the GPS user device 8 is connected to the pen input device 3. The current location of the GPS user is found through the GPS user device 8, and the data on the current location is transmitted to the party. Further, to make this communicator usable in any country, it is provided with means to connect it to a wireless telephone network of an individual service area of the country.

18 Claims, 137 Drawing Sheets

